

Newport RI Black Rot - Grape From 2010-09-08 To 2010-09-22

| Date | High Temp | Low Temp | Wet Hours | Daily Risk | Warning |
|-------|-----------|----------|-----------|------------|----------------|
| 09/08 | 81.3 | 62.0 | | 0.00 | |
| 09/09 | 76.8 | 55.8 | | 0.00 | |
| 09/10 | 72.9 | 58.1 | | 0.00 | |
| 09/11 | 75.5 | 53.0 | 4.5 | 0.20 | |
| 09/12 | 65.9 | 50.5 | 10.5 | 0.49 | |
| 09/13 | 65.4 | 51.8 | 11.8 | 0.90 | |
| 09/14 | 81.9 | 55.4 | 7.3 | 1.08 | Infection Risk |
| 09/15 | 73.1 | 51.5 | | 0.00 | |
| 09/16 | 70.2 | 44.4 | 4.5 | 0.61 | |
| 09/17 | 78.0 | 52.3 | 10.0 | 2.09 | Infection Risk |
| 09/18 | 72.7 | 50.0 | 11.0 | 0.41 | |
| 09/19 | 73.7 | 49.4 | 10.3 | 0.61 | |
| 09/20 | 72.5 | 54.2 | 4.0 | 0.79 | |
| 09/21 | 72.8 | 46.5 | | 0.00 | |
| 09/22 | 65.7 | 62.2 | | 0.00 | |

Newport RI Botrytis - Grape From 2010-09-08 To 2010-09-22

| Date | High Temp | Low Temp | Wet Hours | RH>95 Hours | Daily Risk | Warning |
|-------|-----------|----------|-----------|-------------|------------|---------|
| 09/08 | 81.3 | 62.0 | | | 0.00 | |
| 09/09 | 76.8 | 55.8 | | | 0.00 | |
| 09/10 | 72.9 | 58.1 | | | 0.00 | |
| 09/11 | 75.5 | 53.0 | 4.5 | | 0.00 | |
| 09/12 | 65.9 | 50.5 | 10.5 | 5.3 | 0.00 | |
| 09/13 | 65.4 | 51.8 | 11.8 | 11.5 | 0.00 | |
| 09/14 | 81.9 | 55.4 | 7.3 | 7.5 | 0.00 | |
| 09/15 | 73.1 | 51.5 | | | 0.00 | |
| 09/16 | 70.2 | 44.4 | 5.3 | 3.5 | 0.00 | |
| 09/17 | 78.0 | 52.3 | 10.0 | 9.5 | 0.00 | |
| 09/18 | 72.7 | 50.0 | 11.0 | 10.8 | 0.00 | |
| 09/19 | 73.7 | 49.4 | 10.3 | 11.8 | 0.00 | |
| 09/20 | 72.5 | 54.2 | 4.0 | 4.0 | 0.00 | |
| 09/21 | 72.8 | 46.5 | | | 0.00 | |
| 09/22 | 65.7 | 62.2 | | | 0.00 | |

Newport RI Downy Mildew - Grape From 2010-09-08 To 2010-09-22

| Date | High Temp | Deg Hrs43 | Rain Fall | Wet Hours | Hours>95%RH 43-86 | 66-77 | Risk | Warning |
|-------|-----------|-----------|-----------|-----------|-------------------|-------|------|------------------------|
| 09/08 | 81.3 | | | | 0.0 | 0.0 | 0 | |
| 09/09 | 76.8 | | | | 0.0 | 0.0 | 0 | |
| 09/10 | 72.9 | | | | 0.0 | 0.0 | 0 | |
| 09/11 | 75.5 | 0.0 | | 4.5 | 0.0 | 0.0 | 0 | Primary Infection |
| 09/12 | 65.9 | >min | | 10.5 | 4.3 | 0.0 | 1 | Possible Infection |
| 09/13 | 65.4 | >min | 0.01 | 11.8 | 9.0 | 0.0 | 1 | Possible Infection |
| 09/14 | 81.9 | >min | | 7.3 | 6.3 | 0.0 | 1 | Possible Infection |
| 09/15 | 73.1 | >min | | | 0.0 | 0.0 | 0 | |
| 09/16 | 70.2 | >min | 0.40 | 5.3 | 2.5 | 1.0 | 3 | High Risk of Infection |
| 09/17 | 78.0 | >min | 0.62 | 10.0 | 9.0 | 2.5 | 3 | High Risk of Infection |
| 09/18 | 72.7 | >min | | 11.0 | 9.5 | 0.0 | 1 | Possible Infection |
| 09/19 | 73.7 | >min | | 10.3 | 10.3 | 0.0 | 1 | Possible Infection |
| 09/20 | 72.5 | >min | | 4.0 | 3.8 | 0.0 | 1 | Possible Infection |
| 09/21 | 72.8 | >min | | | 0.0 | 0.0 | 0 | |
| 09/22 | 65.7 | >min | | | 0.0 | 0.0 | 0 | |

Newport RI Powdery Mildew - Grape From 2010-09-08 To 2010-09-22

| Date | Temperature High | Temperature Mean | Hours 70-85 | Hours >95 | Wet Hours | Ascospore Infection | Conidial Index |
|-------|------------------|------------------|-------------|-----------|-----------|---------------------|----------------|
| 09/08 | 81.3 | 71.9 | 13.3 | 0.0 | 0.0 | | |
| 09/09 | 76.8 | 65.4 | 7.3 | 0.0 | 0.0 | | |
| 09/10 | 72.9 | 63.6 | 3.0 | 0.0 | 0.0 | | |
| 09/11 | 75.5 | 63.3 | 7.8 | 0.0 | 4.5 | | |
| 09/12 | 65.9 | 58.6 | 0.0 | 0.0 | 10.5 | | |
| 09/13 | 65.4 | 58.8 | 0.0 | 0.0 | 11.5 | | |
| 09/14 | 81.9 | 67.4 | 9.3 | 0.0 | 7.3 | | |
| 09/15 | 73.1 | 61.7 | 2.8 | 0.0 | 0.0 | | |
| 09/16 | 70.2 | 60.7 | 0.3 | 0.0 | 5.3 | | |
| 09/17 | 78.0 | 64.1 | 2.5 | 0.0 | 9.5 | Heavy | |
| 09/18 | 72.7 | 58.8 | 0.8 | 0.0 | 11.0 | | |
| 09/19 | 73.7 | 62.4 | 5.0 | 0.0 | 10.3 | | |
| 09/20 | 72.5 | 63.7 | 5.5 | 0.0 | 3.8 | | |
| 09/21 | 72.8 | 60.7 | 2.0 | 0.0 | 0.0 | | |
| 09/22 | 65.7 | 63.9 | 0.0 | 0.0 | 0.0 | | |

Newport RI Phomopsis Cane+Leaf Spot - Grape From 2010-09-08 To 2010-09-22

| Date | Temp Mean | Wet Hours | Rain-Fall | Wet+Rain | Wet Temp | Disease Intensity | |
|-------|-----------|-----------|-----------|----------|----------|-------------------|----------|
| | | | | | | Catawba | Seyval |
| 09/08 | 71.9 | 0.3 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 09/09 | 65.4 | 0.0 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 09/10 | 63.6 | 0.0 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 09/11 | 63.3 | 4.8 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 09/12 | 58.6 | 12.8 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 09/13 | 58.8 | 12.8 | 0.01 | 2.3 | 57.0 | 5 Light | 12 Light |
| 09/14 | 67.4 | 7.5 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 09/15 | 61.7 | 0.0 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 09/16 | 60.7 | 7.0 | 0.40 | 4.0 | 65.2 | 12 Light | 29 Light |
| 09/17 | 64.1 | 11.5 | 0.62 | 13.8 | 65.6 | 72 Moderate | 104 High |
| 09/18 | 58.8 | 11.3 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 09/19 | 62.4 | 12.0 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 09/20 | 63.7 | 6.0 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 09/21 | 60.7 | 0.0 | 0.00 | 0.0 | 0.0 | 0 | 0 |
| 09/22 | 63.9 | 3.0 | 0.00 | 0.0 | 0.0 | 0 | 0 |

Wet+Rain is the number of rain-initiated leaf wetness hours
Wet Temp is the mean temperature during the rain-initiated wetness period
Disease Intensity projects the estimated lesions per leaf